



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Marshall J. Bell et al. Examiner: Not yet assigned  
Serial No.: 10/679,074 Group Art Unit: 2817  
Filed: October 3, 2003 Docket: 50019.257US01/P05687  
Confirmation No.: 3547  
Title: HIGH SPEED LOW VOLTAGE DIFFERENTIAL TO RAIL-TO-RAIL SINGLE  
ENDED CONVERTER

CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on February 4, 2004.

By: 

Name: Brett A. Hertzberg

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Information Disclosure Statement, Form 1449, 3 non-patent References
- ☒ Return postcard

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers or any future reply, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C.  
P.O. Box 2903, Minneapolis, MN 55402-0903  
206.342.6200

By: 

Name: Brett A. Hertzberg

Reg. No.: 42,660

BAH/ab

**23552**

PATENT TRADEMARK OFFICE



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PATENT

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INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(b))

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted before the mailing date of a first Office Action on-the-merits. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. § 1.98(a)(2), a copy of each document or other information listed on the enclosed Form 1449 is provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicant reserves the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicant does not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked

as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

Respectfully submitted,

MERCHANT & GOULD



Brett A. Hertzberg  
Registration No. 42,669  
Direct Dial: 206.342.6255

MERCHANT & GOULD  
P.O. Box 2903  
Minneapolis, Minnesota 55402-0903  
206.342.6200  
BAH/ab

**23552**

PATENT TRADEMARK OFFICE

FORM 1449\*

## INFORMATION DISCLOSURE STATEMENT

Docket Number:

50019.257US01/P05687

Application Number:

10/679,074

IN AN APPLICATION

(Use several sheets if necessary)

Applicant: Marshall J. Bell et al.

Filing Date: October 3, 2003

Group Art Unit: 2817

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		H. Träff, "Novel Approach to High Speed CMOS Current Comparators," <i>Electronics Letters</i> , Vol. 28, No. 3, 30th January 1992, (3 pgs.)
		William Redman-White, "A High Bandwidth Constant $g_m$ and Slew-Rate Rail-to-Rail CMOS Input Circuit and its Application to Analog Cells for Low Voltage VLSI Systems," <i>IEEE Vol. 32, No. 5</i> , May 1997 (12 pgs.)
		L. Ravezzi et al., "Simple High-Speed CMOS Current Comparator," <i>Electronics Letters</i> , Vol. 33, No. 22, 23rd October, 1997 (2 pages).

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PATENT TRADEMARK OFFICE

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.